

Exhibit A.1 - Guaranteed Maximum Price

Alhambra Elementary School District #68

New Madrid Middle School Gymnasium Addition Adjacent Ways

October 12, 2018

DIV	DESCRIPTION	ADJ WAYS
1A	Project Requirements	785
1B	Survey & Layout	1,584
3A	Concrete	17,707
31A	Earthwork	93,545
33A	Site Utilities	12,718
	General Conditions	8,743
	Contractor Contingency	1,078
	Owner Contingency	1,984
	City Comment & Design Contingency	1,120
	Insurance, Builder's Risk and Bond	3,183
	Gross Receipts Tax	8,427
	Contractor Fee	8,298
	TOTAL CONSTRUCTION COSTS:	159,172

Exhibit X - DD Estimate Detail

Alhambra Elementary School District #68

New Madrid Middle School Gymnasium Addition Adjacent Ways

October 12, 2018

DIV	DESCRIPTION	ADJ WAYS QUANTITY	UNIT	ADJ WAYS COST
1B	Survey & Layout			
	<u>Building Survey</u>			
	Building Gridlines		Hours	
	General Layout		Hours	
	<u>Site Survey</u>			
	Establish Benchmark		Hours	
	Mass Grading & Limits	4	Hours	360
	Asphalt & Curbs	4	Hours	360
	Wet Utilities		Hours	
	Hardscape & Canopy		Hours	
	Dry Utilities		Hours	
	Offsite Improvements	8	Hours	720
	Utility Provider As-Builts		Hours	
	City As-Builts		Hours	
	Office Calculations		Hours	
	Additional Surveying	2	Hours	144
	<u>Misc Survey</u>			
	Locating Services		Trips	
	Pothole Existing Utilities		Hours	
	Total Survey & Layout			
2A	Demolition			
	<u>Site Demolition</u>			
	Demo Site Fencing		LF	
	Demo Asphalt		SF	
	Demo Sidewalk/Basketball Court		SF	
	Demo Concrete Curb		LF	
	Demo Drive Gate		EA	
	Demo Basketball Hoops		EA	
	Demo Benches		EA	
	Demo Shade Structures		SF	
	Demo Trees		EA	
	Total Demolition			
3A	Concrete			
	<u>Building Foundations</u>			
	Continuous Foundations (1'-4" x 1'-0"), CT1.33		CY	
	Continuous Foundations (2'-6" x 1'-0"), CT2.50		CY	
	Continuous Foundations (3'-5" x 1'-0"), CT3.50		CY	
	Isolation Foundations (6'-0" x 6'-0" x 1'-0")		CY	
	Turndown Foundations		CY	
	<u>Concrete Slabs</u>			
	Slab on Grade (4" on 4" ABC)		SF	
	Slab on Grade (4" on 4" ABC), Sloped		SF	
	Slab on Grade (4" on 4" ABC), Depressed		SF	
	Slab on Grade (4" on 4" ABC), Elevated		SF	

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	Slab on Grade (4" on 4" ABC), Interior Ramp		SF	
	15mil Vapor Barrier		SF	
	Back-Fill Elevated Slabs		CY	
	Concrete Steps on Grade		SF	
	<u>CIP Concrete</u>			
	CIP Concrete Walls, Board Formed		CY	
	<u>Site Concrete</u>			
	Vertical Curb, MAG Detail 222, Type B	90	LF	1,631
	Turndown at Concrete Edge		LF	
	4" Sidewalk on Native Grade (Grey)		SF	
	4" Sidewalk on Native Grade (Grey) - R/R @ utility trenches		SF	
	Sidewalk, ADA Ramps		SF	
	6" Concrete Paving on 4" ABC (Grey)	496	SF	3,546
	Basketball Court, Post-Tension	3,147	SF	20,330
	Basketball Court, 5" Slab with #4 rebar @ 15" OC EW per Add #1	-7,800	LS	-7,800
	<u>Misc Concrete</u>			
	Haul-off Spoils		CY	
	Total Concrete			
4A	Masonry			
	<u>CMU Building Walls</u>			
	CMU Walls (8-8-16, Grey)		SF	
	CMU Walls (12-8-16, Grey)		SF	
	CMU Walls (12-8-16, Integral Color/Split Face/Center Score)		SF	
	<u>Misc Masonry</u>			
	Core-fill Insulation		Excluded	
	Masonry Bracing		Points	
	Masonry Dumpsters		Loads	
	Set HM Frames		EA	
	Total Masonry			
4B	Stone & Veneer			
	Total Stone & Veneer			
5A	Structural Steel			
	<u>Structural Steel</u>			
	Roof Framing (Assumed 8# per SF)		TONS	
	Roof Access Ladder		EA	
	<u>Steel Deck</u>			
	Metal Deck (1.5", 22Ga)		SF	
	Acoustical Deck		SF	
	<u>Steel Canopy</u>			
	Structural Steel Canopy - Eyebrow		SF	
	<u>Stairs & Railings</u>			
	Steel Grab Bar		LF	
	Total Structural Steel			

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5B	Prefabricated Metal Buildings			
	Total Prefabricated Metal Buildings			
6A	Rough Carpentry			
	<u>Misc Carpentry</u>			
	Coping Cap Wood Nailer		LF	
	<u>Backing & Blocking</u>			
	IDF & MDF Plywood Sheathing		SF	
	Partitions & Accessories Blocking		Hours	
	Total Rough Carpentry			
6B	Millwork			
	<u>Cabinets & Shelving</u>			
	Lower Cabinets, P-Lam		LF	
	Upper Cabinets, P-Lam		LF	
	Tall Storage Cabinets		LF	
	Staked Shelves		LF	
	<u>Countertops</u>			
	Solid Surface Countertop		LF	
	Total Millwork			
7A	Insulation			
	<u>Exterior Wall Insulation</u>			
	Poly-Iso Insulation		SF	
	<u>Interior Wall & Ceiling Insulation</u>			
	Wall Batt Insulation		SF	
	Ceiling Batt Insulation		SF	
	Total Insulation			
7B	Roofing & Sheet Metal			
	<u>Roof Systems</u>			
	Built-Up Roofing		SF	
	R-30 Insulation (Above Deck) including crickets		SF	
	<u>Metals & Flashings</u>			
	Counterflashing		LF	
	Coping Cap		LF	
	Gutters & Downspouts		LF	
	<u>Misc Roofing</u>			
	Roof Hatch & Safety Posts		EA	
	Ships Ladder		EA	
	Total Roofing & Sheet Metal			
7C	Metal Panels			
	Total Metal Panels			

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October 12, 2018

DIV	DESCRIPTION	ADJ WAYS QUANTITY	UNIT	ADJ WAYS COST
7D	Skylights			
	Total Skylights			
7E	Translucent Panels			
	Total Translucent Panels			
7F	Caulking & Sealants			
	<u>Caulking & Sealants</u>			
	Caulking & Sealants, CMU/Steel Structure		BSF	
	<u>Site Caulking & Sealants</u>			
	Misc Caulking & Sealants at Sidewalks		SF	
	<u>Waterproofing</u>			
	Liquid Applied Waterproofing - Ramp Wall		SF	
	Total Caulking & Sealants			
8A	Doors Frames & Hardware			
	<u>Exterior Doors & Frames</u>			
	HM Door Frame (3'-0" x 7'-0")		EA	
	HM Door Frame (6'-0" x 7'-0")		EA	
	HM Window Frame (4'-0" x 1'-4")		EA	
	HM Door (3'-0" x 7'-0")		EA	
	<u>Exterior Door Hardware & Install</u>			
	Hardware Set (Electrified Hardware)		LS	
	Hardware Set (Entry Hardware)		LS	
	Hardware Set (Standard Hardware)		LS	
	Hardware Set (Utility/Storage Hardware)		LS	
	ADA Door Actuators (LCN)		EA	
	Door Lite		EA	
	Door & Hardware Installation		EA	
	Door Handling & Sorting		EA	
	<u>Interior Doors & Frames</u>			
	HM Door Frame (3'-0" x 7'-0")		EA	
	HM Door Frame (4'-0" x 7'-0")		EA	
	HM Door (3'-0" x 7'-0")		EA	
	HM Door (4'-0" x 7'-0")		EA	
	WD Door Pre-Finished (3'-0" x 7'-0")		EA	
	<u>Interior Door Hardware & Install</u>			
	Hardware Set (Standard Hardware)		LS	
	Hardware Set (Utility/Storage Hardware)		LS	
	Door & Hardware Installation		EA	
	Door Handling & Sorting		EA	
	<u>Site Doors Frames & Hardware</u>			
	Knox Box at Building Entry		EA	
	Total Doors Frames & Hardware			
8B	Overhead Doors			

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DIV	DESCRIPTION	ADJ WAYS QUANTITY	UNIT	ADJ WAYS COST
	Total Overhead Doors			
8C	Glass & Glazing			
	<u>Exterior Glass & Glazing</u>			
	1" insulated - W1		EA	
	Total Glass & Glazing			
8D	Operable Glass Folding Partitions			
	Total Operable Glass Folding Partitions			
9A	Framing & Drywall			
	<u>Exterior Stud Framing</u>			
	3-5/8" Exterior Stud Framing, Non-Structural, 1-Side Plywood		SF	
	Exterior Soffit Framing, Suspended, 1-Side Exterior Gyp		SF	
	<u>Interior Wall Framing</u>			
	3-5/8" Stud Framing, 1-Side Gyp		SF	
	3-5/8" Stud Partition Framing, 2-Side Gyp		SF	
	<u>Interior Framed Ceilings</u>			
	Gyp Board Ceiling @ Restrooms & Misc Soffits		SF	
	<u>Interior Finishes & Protection</u>			
	Finish, Dumpsters & Debris Removal		Loads	
	Total Framing & Drywall			
9B	Stucco/EIFS			
	<u>EIFS Assemblies</u>			
	EIFS Wall System @ Front Entry Only		SF	
	Total Stucco/EIFS			
9C	Tile			
	<u>Floor Tile</u>			
	Floor Tile, CT-1, 12"x24"		SF	
	Floor Tile, Sealer		SF	
	<u>Wall Tile</u>			
	Wall Tile - CT-2, 4"x16"		SF	
	Wall Tile - CT-3A, 4"x16"		SF	
	Wall Tile - CT-3B, 4"x16"		SF	
	Wall Tile, Sealer		SF	
	Total Tile			
9D	Acoustical Assemblies			
	<u>ACT Ceilings</u>			
	Acoustical Ceiling Tile, ACT-1 - USG Olympia Micro Climaplast		SF	
	Acoustical Ceiling Tile, R/R Existing Tiles for Conduit Install		LS	
	<u>Acoustical Panels</u>			
	Acoustical Wall Panels, AWP1 - Guilford of Maine, 2335, Pool		SF	
	Acoustical Wall Panels, AWP2 - LBI Boyd Crepe Charcoal		SF	

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	Acoustical Wall Panels, AWP3 - Guilford of Maine, 2335, Waterfall		SF	
	Total Acoustical Assemblies			
9E	Flooring			
	<u>Carpet</u>			
	CPT-1 - Shaw Vast		SY	
	<u>Concrete</u>			
	CON2 - Concrete, Sealed - CONC-1		SF	
	<u>Athletic Flooring</u>			
	Wood, Robbins Bio Cushion		SF	
	Custom Court Floor Logo		LS/Allowance	
	Court Striping - Interior Basketball/Volleyball		EA	
	Court Striping - Interior Lettering and Border		EA	
	Court Striping - Exterior Basketball		EA	
	Court Striping - Exterior - 4Square		EA	
	<u>Misc Flooring</u>			
	Rubber Base		SF	
	Rubber Stair Treads		LF	
	Floor Protection		SF	
	Total Flooring			
9F	Paint			
	<u>Exterior Paint</u>			
	Paint, Exterior CMU Walls		SF	
	Paint, Exterior Gyp/Stucco Soffits		SF	
	Paint, Exterior Steel Canopy		SF	
	Paint, Exterior HM Frames		SF	
	Paint, Exterior HM Doors		SF	
	Paint, Exterior Parapet Walls		SF	
	Paint, Exterior Touch-Up		LS	
	<u>Interior Paint</u>			
	Paint, Interior Gypsum Walls		SF	
	Paint, Interior Gypsum Ceilings		SF	
	Paint, Interior Open Ceilings		SF	
	Paint, Interior HM Frames		SF	
	Paint, Interior HM Doors		SF	
	Paint, Interior Touch-Up		LS	
	<u>Wallcoverings</u>			
	Wall Graphics - Custom		SF/Allowance	
	Total Paint			
10A	Specialties			
	Bathroom Partitions, HDPE/Phenolic (Standard)		EA	
	Bathroom Partitions, HDPE/Phenolic (ADA)		EA	
	Urinal Screen, HDPE/Phenolic		EA	
	<u>Bathroom Accessories</u>			

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DIV	DESCRIPTION	ADJ WAYS QUANTITY	UNIT	ADJ WAYS COST
	Grab Bars		EA	
	Toilet Paper Dispensers		EA	
	Soap Dispensers		EA	
	Sanitary Napkin		EA	
	Trash Receptacle, Semi-Recessed		EA	
	Hand Dryer, Xelerator		EA	
	Mirrors		EA	
	Coat Hooks		EA	
	Shower Accessories		EA	
	Mop Sink, Broom Holder		EA	
	Utility Shelves		EA	
	<u>Visual Display Boards</u>			
	Whiteboards, 4'-0" x 8'-0"		EA	
	Tackboard, 4'-0" x 4'-0"		EA	
	<u>Fire Extinguisher Cabinets</u>			
	Fire Extinguisher, Semi-Recessed Cabinet		EA	
	<u>Wall Protection</u>			
	Cornerguards, Plastic/Rubber/Vinyl		EA	
	<u>FRP</u>			
	FRP, Mop Sink		EA	
	Total Specialties			
10B	Signage			
	<u>Room Signage</u>			
	Room Identification Signs, Zinc (6" x 6")		EA	
	Occupancy Signs, Zinc (6" x 10")		EA	
	ADA Restroom Signs, Zinc (6" x 9")		EA	
	Interior Directional & Information, Zinc (6" x 6")		EA	
	Evacuation Map, Acrylic (9.5" x 12")		EA	
	<u>Utility Room Signage</u>			
	FDC, Electrical, & Riser Room Signs, Aluminum (10" x 10")		EA	
	<u>RCP Lettering - LED Illuminated</u>			
	RPC Letters, Aluminum (18"H) w/LED Illumination - Address		EA	
	RPC Letters, Aluminum (18"H) w/LED Illumination - Gymnasium		EA	
	<u>Misc Signage</u>			
	Project Banners		EA	
	Total Signage			
10C	Operable Partitions			
	Total Operable Partitions			
11A	Athletic Equipment			
	<u>Gymnasium Equipment</u>			
	Basketball Hoops, Telescoping, Glass		Pair	
	Basketball Goals Wall, Wall Padding, 6'-0" x 2'-0"		EA	
	Volleyball Equipment (Post, Net, Judge Stand, Floor Sleeves)		SET	

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DIV	DESCRIPTION	ADJ WAYS QUANTITY	UNIT	ADJ WAYS COST
	Divider Curtain, 28'-6"H		LF	
	Telescoping Bleachers, Motorized		Seats	
	Interior Scoreboard, Wireless Control		EA	
	<u>Site Athletic Equipment</u>			
	Exterior Basketball Hoops, Galvanized		Pair	
	Total Athletic Equipment			
11B	Food Service Equipment			
	Total Food Service Equipment			
11C	Theatrical Equipment			
	<u>Theatrical Systems</u>			
	Stage Draperies, 14'		Excluded	
	Total Theatrical Equipment			
11D	Fuel Equipment			
	Total Fuel Equipment			
11E	Dock Equipment			
	Total Dock Equipment			
12A	Window Coverings			
	<u>Window Coverings</u>			
	Aluminum Window Blinds, 8ga, Face Mount (1")		EA	
	Total Window Coverings			
13A	Special Construction			
	Total Special Construction			
14A	Elevators			
	Total Elevators			
21A	Fire Protection			
	<u>Water Based Fire Sprinkler Systems - Non-Combustible Rough-In</u>			
	Fire Sprinklers, Light Hazard (.10 GPM Per SF)		BSF	
	<u>Water Based Fire Sprinkler Systems - Non-Combustible Trim</u>			
	Fire Sprinklers, Light Hazard (.10 GPM Per SF)		BSF	
	<u>Misc Fire Sprinklers</u>			
	Fire Sprinklers, Engineering and Permits		BSF	
	Flow Tests		EA	
	Total Fire Protection			
22A	Plumbing			
	<u>Plumbing System - Complete</u>			
	Revised plumbing fixture schedule allowance		LS/Allowance	
	<u>Plumbing Fixtures</u>			

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DIV	DESCRIPTION	ADJ WAYS QUANTITY	UNIT	ADJ WAYS COST
	Water Closet, Wall-Mount, Auto Flush Valve		EA	
	Urinal, Wall-Mount, Auto Flush Valve		EA	
	Sink, Wall-Mount, Sensor Faucet		EA	
	Wash Fountain, 4-Station ADA		EA	
	Mop Sink, w/Faucet		EA	
	Floor Drain, w/Trap Guard		EA	
	Shower, Valve w/Hand Spray and Drains		EA	
	Drinking Fountain		EA	
	Hot Water Heater, Insta-hot		EA	
	HW, Recirculating Pump 5 GPM		EA	
	<u>Domestic Water</u>			
	2" Domestic CW, Type L		LF	
	1" Domestic CW, Type L		LF	
	1" Domestic HW, Type L		LF	
	1" Domestic HW, Pipe Insulation		LF	
	Wall Hydrant, w/ Valve & Box Exterior		EA	
	4" Sanitary Waste/Vent PVC, Sch40 (Below Grade)		LF	
	2" Sanitary Waste/Vent PVC, Sch40 (Below Grade)		LF	
	4" Surface/Wall Clean-Out, 2-Way		EA	
	4" Floor Clean-Out		EA	
	<u>Roof Drains/Drainage</u>			
	8" Roof/Overflow Drain		EA	
	Total Plumbing			
23A	HVAC			
	<u>Dry-Side Equipment</u>			
	RTU 10T		TONS	
	RTU 15T		TONS	
	RTU 5T		TONS	
	RTU 7.5T		TONS	
	Mini-Split, Ductless		TONS	
	Exhaust Fans - Bathrooms		EA	
	<u>Misc Mechanical</u>			
	Condensate Drains, 3/4"		LF	
	<u>Integrated Automation</u>			
	DDC Controls		SF/Allow	
	Total HVAC			
26A	Electrical			
	<u>Building Electrical</u>			
	K12 Education, School, Building Electrical		BSF	
	<u>Electrical Distribution</u>			
	Transformer, 75kva, 480-208/120		EA	
	Electrical Panel, 100A 277/480v		EA	
	Electrical Panel, 300A 277/480v		EA	
	Electrical Panel, 400A 277/480v		EA	

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DIV	DESCRIPTION	ADJ WAYS QUANTITY	UNIT	ADJ WAYS COST
	<u>Electrical Distribution - Mechanical</u>			
	RTU Connection, 480v		EA	
	Mini Split Condenser Unit Connection, 208v		EA	
	Mini Split Indoor Unit Connection, 208v		EA	
	EF, Connection 208v		EA	
	WH, Connection, 480v		EA	
	EDF, Connection, 208v		EA	
	<u>Electrical Distribution - Convenience Power</u>			
	Duplex Receptacle Outlet		EA	
	Duplex Receptacle Outlet, w/GFCI		EA	
	Double Duplex Receptacle Outlet		EA	
	Roof Receptacle Outlet, GFCI WP		EA	
	Junction Box		EA	
	<u>Building Lighting</u>			
	2x4 Troffer, LED - L1		EA	
	2x4 High-Bay, LED - L2		EA	
	Linear, Surface Mount, 4' LED - L4		EA	
	Linear, Recessed, 4' LED - L5		EA	
	Can Light, 6" LED - L3		EA	
	Track Lighting, LED - L6		LF	
	Exit Sign, LED		EA	
	Exterior Surface Mount, LED - SA/SAE		EA	
	<u>Misc Electrical</u>			
	Temp Power & Lighting		SF	
	<u>Site Electrical</u>			
	Panel 'H' Service - (2) 3" Conduits		LF	
	Fire Alarm Trench - (1) 2" Conduits		LF	
	Communication - (2) 4" Conduits		LF	
	Total Electrical			
26B	Fire Alarm			
	<u>Fire Alarm</u>			
	Fire Alarm, Full Smoke Coverage (District Standard)		BSF	
	Fire Alarm, Design & Engineering		BSF	
	Total Fire Alarm			
27A	Special Systems			
	<u>Special Systems</u>			
	Intercom System, Clocks		SUB BID	
	Audio Visual		SUB BID	
	Total Special Systems			
31A	Earthwork			
	<u>Grading</u>			
	Mobilization, Mass Grading	0.3	EA	2,200
	Clear & Grub	0.4	Acres	453

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	Mass Grading	1,705	SY	5,030
	Over-X Building Pads		CY	
	Mobilization, Fine Grading	1	EA	2,250
	Fine Grading	19,443	SF	3,889
	Staging Area, 4"ABC		SY	
	<u>Asphalt Pavement</u>			
	Mobilization, Asphalt Pavement	1	EA	1,750
	Asphalt Pavement, Heavy Duty (Assumed 3"/8"ABC)	1,700	SY	46,961
	Asphalt Pavement, Thickened Edge		LF	
	Asphalt Patch, On-Site	544	SY	13,056
	Asphalt Patch, Off-Site	133	SY	9,975
	<u>Striping & Signage</u>			
	Striping & Signage		LF	
	ADA Space, Striping		EA	
	Fire Lane, Curb Paint + Signs	1,500	LS/Allowance	1,500
	Parking Signage, Post & Sign		EA	
	<u>Misc Earthwork</u>			
	Traffic Control, Barricades	2	Weeks	3,360
	Construction Entrance	1	EA	913
	Dust Control Permit		LS	
	Dust Control, 2,000 Gallon Water Truck		Months	
	SWPPP Establishment		Acres	
	SWPPP Maintenance		Months	
	Street Sweeping	3	Weeks	2,208
	Total Earthwork			
31B	Termite Control			
	Pre-Treat Building Slab, Talstar Application		BSF	
	Total Termite Control			
32A	Fencing			
	<u>Wrought Iron Fencing</u>			
	Wrought Iron Fencing, 6'-0"H		LF	
	Wrought Iron Gate, 4'-0" x 6'-0"		EA	
	Wrought Iron Fire Lane Gates, 6'-0" x 12'-0"		Pair	
	<u>Misc Fence & Gates</u>			
	Panic Hardware, Von-Duprin		EA	
	Fire Department Locks		EA	
	Total Fencing			
32B	Landscaping			
	<u>General Landscaping</u>			
	K12 Education, School, Landscape Area		SF/Allowance	
	Total Landscaping			
32C	Site Furnishings			



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	Total Site Furnishings			
32D	Athletic Courts & Tracks			
	Total Athletic Courts & Tracks			
33A	Site Utilities			
	<u>Fire</u>			
	Tapping Sleeve, Valve Box, & Cover, 8" x 4"	1	EA	9,306
	Double Check Backflow		EA	
	Fire Risers		EA	
	Fire Line, DIP 4"	43	LF	3,412
	<u>Domestic Water</u>			
	Domestic Water Line, 2"		LF	
	Domestic Water Line, 2" Backflow + Cage		LF	
	<u>Sewer</u>			
	Sewer Manholes		EA	
	Sewer Clean-Outs		EA	
	Sewer Line, 6" SDR-35		LF	
	Sewer Line, 6" VCP		LF	
	<u>Storm Drain</u>			
	Catch Basins		EA	
	Bubbler Boxes		EA	
	Storm Drain, 12" HDPE		LF	
	Total Site Utilities			
33B	Drywells			
	Total Drywells			

- | | | | | | | | |
|---|-----------------------------|-----------|------|-------------|---|---|---|
| OFFICIAL SITE PLAN
ALHAMBRA MIDDLE SCHOOL
SP2.0 | Project Number
0004-1041 | Revisions | Date | Description | ALHAMBRA ELEMENTARY
SCHOOL DISTRICT
4510 N. 37TH AVE.
PHOENIX, ARIZONA 85019
NEW MADRID MIDDLE SCHOOL
GYMNASIUM ADDITION |  |  |
| | Date
08-03-2018 | | | | | 2102 west 15th street tempe, arizona 85281
tel. 480.285.3900 fax 480.285.3901 | |
| | Drawn By
GSK | | | | | | |
| | Checked By
JEW | | | | | | |
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